

Name _____

Learning Significant Figures

Dividing numbers with significant figures and rounding the results.

Find the decimal place of the least precise number.

Perform the division.

Round to match the decimal place of the least precise number.

1) $45.67 \div 2.1 = \underline{\hspace{2cm} 22 \hspace{2cm}}$

2) $123.45 \div 0.0345 = \underline{\hspace{2cm} 3580 \hspace{2cm}}$

3) $0.0567 \div 3.4 = \underline{\hspace{2cm} 0.017 \hspace{2cm}}$

4) $567.89 \div 12.34 = \underline{\hspace{2cm} 46.0 \hspace{2cm}}$

5) $1.23 \div 0.004 = \underline{\hspace{2cm} 310 \hspace{2cm}}$

6) $0.0987 \div 0.00345 = \underline{\hspace{2cm} 28.6 \hspace{2cm}}$

7) $1000 \div 25.4 = \underline{\hspace{2cm} 39.4 \hspace{2cm}}$

8) $0.456 \div 0.789 = \underline{\hspace{2cm} 0.578 \hspace{2cm}}$

9) $234.5 \div 5.67 = \underline{\hspace{2cm} 41.4 \hspace{2cm}}$

10) $78.9 \div 0.012 = \underline{\hspace{2cm} 6600 \hspace{2cm}}$

11) $0.00789 \div 0.034 = \underline{\hspace{2cm} 0.23 \hspace{2cm}}$

12) $890.12 \div 456.7 = \underline{\hspace{2cm} 1.95 \hspace{2cm}}$

13) $34.567 \div 0.78 = \underline{\hspace{2cm} 44 \hspace{2cm}}$

14) $0.00345 \div 2.345 = \underline{\hspace{2cm} 0.00147 \hspace{2cm}}$

15) $876.5 \div 45.67 = \underline{\hspace{2cm} 19.19 \hspace{2cm}}$